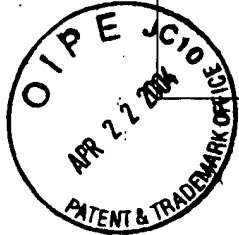


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1<sup>st</sup> Named Inventor: David M. Forman  
Serial No.: 10/619,890  
Filed: 7/15/2003  
Title: Firing-Readiness Diagnostics of a  
Pyrotechnic Device Such as an  
Electronic Detonator

Group Art Unit:  
3641  
  
Examiner:  
Henry A. Blackner

AMENDMENT & RESPONSE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of December 18, 2003,  
please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 5 of this paper.

**Amendments to the Drawings** begin on page 10 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.


An **Appendix** including amended drawing figures is attached  
following page 14 of this paper.

A **Declaration pursuant to 37 CFR 1.132** is also attached  
following the Appendix.

CERTIFICATE OF MAILING (37 CFR § 1.8a)

I hereby certify that this document (along with any papers referred to as being attached or enclosed) is being facsimile transmitted or deposited  
with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to on the date shown below to: ,  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Mailing: April 19, 2004

  
Thomas J. Brindisi